

REMARKS/ARGUMENTS

Applicants would like to thank the Examiner for the careful consideration given the present application. The application has been carefully reviewed in light of the Office action. Favorable reconsideration of the application is respectfully requested in view of the comments made herein.

Claims 1-10 and 12-19 were rejected under 35 U.S.C. 103 (a) as being unpatentable over Sigl (US 5,642,260) in view of JP 6-97688; and Claims 1-10 and 12-15 were rejected under 35 U.S.C. 103(a) as being unpatentable over Schneider (US 6,888,099) in view of JP 6-97688. Due to the similarities in Sigl and Schneider for the purposes of this rejection; these rejections will be discussed together. For at least the following reasons, the Examiner's rejection is respectfully traversed. In the claimed invention, respective heat generating electrical elements are cooled by the air flow in each of the compartments. For example, one electrical element which radiates high heat is cooled in one individualized compartment and another electrical element is cooled in another individualized compartment. This prevents interference with heat radiating from the other electrical elements. See paragraphs [0023], [0024], [0027], [0030] and Figs 1-4, 6, and 7 in the specification.

The Examiner concedes that Sigl and Schneider do not disclose the plural compartments separated by dividers.

According to Sigl and Schneider, the first electrical part is provided inside the compartment to be directly cooled by the air flow because the first electrical part is hardly affected by the dust and the like, and the second electrical part is provided outside the compartment to be indirectly cooled by the air flow because the second electrical part is easily affected by the dust and the like. In Sigl and Schneider, the first and second electrical parts are separately disposed. According to the above configurations, it is prevented that the electrical part is affected by the dust when the first and second electrical parts are cooled by the air flow.

In JP-6-97688, it is described that "the communication exterior shelter 21 is provided with plural communication devices 22 inside thereof. Each of these communication devices 22 includes a rack 23 and plural unitized electrical appliances 24 incorporated in the rack 23." in paragraph [0014]. That is, in JP-6-97688, one device (communication device 22) includes one cavity portion (rack 23), and the electrical appliance 24 disposed only inside the cavity portion (rack 23), thereby cooling the electrical appliance 24. In JP-6-97688, a plurality of the

communication devices 22 are merely provided in the shelter 21. Therefore, JP-6-97688 does not teach or suggest that the cavity portion of one device is divided into plural compartments to cool the respective electrical elements.

As is clear from the description in paragraph [0014], JP-6-97688 teaches the cooling system in which the electrical appliance 24 is disposed only inside the cavity portion (rack 23). Therefore, JP-6-97688 does not teach or suggest to cool the respective heat radiators inside and outside the cavity portion.

In addition, it is described that "the removable dust-proof air filter is provided in the blowhole 23a." in paragraph [0015] of JP-6-97688. However, it is apparent to entirely prevent the dust from entering into the rack 23 even if the air filter is provided. Therefore, from the view point of JP-6-97688, since the second electrical part which is described in Sigl and Schneider should be disposed inside the rack 23, the second electrical part must be affected by the dust and the like. Namely, the object of protecting the second electrical part from being affected by dust is not achieved.

According to the above description, the configurations and the technical viewpoints of Sigl and Schneider are different from those of JP-6-97688, and these are different from the present invention. Therefore, JP-6-97688 cannot be combined with Sigl or Schneider given that each have different configurations and technical viewpoints.

Even if the combination of Sigl or Schneider with JP-6-97688 can be achieved, it would provide an apparatus including plural cavity portions provided inside the enclosure of Sigl or Schneider, wherein all of the electrical parts are disposed only inside the cavity portion. According to that configuration, since the electrical parts (including the above first and second electrical parts) are to be disposed inside the cavity portion to be cooled directly by the air flow, it is apparent that the electrical parts are affected by the dust and the like.

In Sigl, the welding supply 10 is provided with a handgrip (see upper portion in Fig. 1) on the cover 18 to carry the welding power supply 10. In Schneider, the power supply 10 is provided with handles 38 on the cover 14 (See Figs. 1, 7 and column 4, lines 8-9). Therefore, the apparatus described in Sigl and Schneider should be portable by hands, and such a portable apparatus has a basic object of reduction in size and weight.

If the apparatus having plural cavity portions described in JP-6-97688 is combined with the portable apparatus for realizing small and lightweight described in Sigl and Schneider, the

accomplished apparatus will necessarily grow in size and weight. This then goes against the object of reduction in size and weight. Therefore, JP-6-97688 cannot be combined with Sigl or Schneider as each has different configurations and technical viewpoints.

JP-6-97688, Sigl and Schneider do not disclose "the cavity portions are separated into substantially individualized compartments." In addition, JP-6-97688 cannot be combined with Sigl or Schneider as each has different configurations and technical viewpoints. Even if the combination of Sigl or Schneider with JP-6-97688 would be achieved, the combined apparatus does not disclose "the cavity portions are separated into substantially individualized compartments" recited in claim 1.

In light of the foregoing, it is respectfully submitted that the present application is in a condition for allowance and notice to that effect is hereby requested. If it is determined that the application is not in a condition for allowance, the Examiner is invited to initiate a telephone interview with the undersigned agent to expedite prosecution of the present application.

If there are any additional fees resulting from this communication, please charge same to our Deposit Account No. 16-0820, our Order No. NGB-39712.

Respectfully submitted,
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